



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE**

DIVISION OF WATER POLLUTION CONTROL
1221 SOUTH WILLOW AVENUE
COOKEVILLE, TN 38506

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June 19, 2009

Mr. Ronnie Kelly, Director
City of Cookeville Dept. of Water Quality Control
P.O. Box 998
Cookeville, TN 38506

CERTIFIED MAIL

Return Receipt Requested

Receipt # 91 7108 2133 3936 6363 1111

**Re: Compliance Evaluation Inspection
City of Cookeville Water Treatment Plant
NPDES # TN0005231 – Permit Expires September 29, 2013
Alum Lick Branch to Mine Lick Creek, Putnam County, TN**

Dear Mr. Kelly:

On May 21, 2009, personnel from the Tennessee Division of Water Pollution Control conducted a Compliance Evaluation Inspection (CEI) at the City of Cookeville Water Treatment Plant (WTP). The purpose of the inspection was to evaluate compliance with the individual NPDES permit for WTP filter backwash and sedimentation basin discharge and to determine the reliability of data submitted on the Discharge Monitoring Reports (DMR). The discharge is to Alum Lick Branch at mile 1.0 to Mine Lick Creek at mile 4.2.

Permit, Records, and Self-Monitoring Data

The Cookeville WTP is operating under an individual NPDES permit that became effective on November 1, 2008 and will expire on September 29, 2013. The DMR(s) are promptly sent to the Nashville Central Office. The permit requires that the tested parameters be sampled once per month. Records are well-maintained and readily available.

Facility Review

The wastewater treatment process "old lagoon" holds backwash water, pump cooling water and finished water from the lab sink. The contents of the old lagoon are pumped to three new lagoons up gradient of the water treatment facility prior to discharge at the outfall. The facility and lagoons appeared to be well-maintained. The water in the lagoons and at the outfall was clear.

Laboratory Review and Recommendations

The laboratory and associated equipment and instruments were clean and organized. Improvement of the lab bench sheets is needed. Both the sample collection and measurement times should be recorded with regard to the testing for pH, temperature and Cl₂ to document that the analysis is occurring within 15

minutes of sample collection. A documented program of periodic reviews and audits of approved laboratory methods is recommended. Sample analysis records were well-organized, readily available, and found to be consistent with the data being submitted on the DMRs. Laboratory equipment calibration records were being maintained and readily available.

We extend our thanks to Mr. Bill Clemons, Operator for his time and courtesy during the inspection. If you have any questions, you may contact me at (931) 432-7642 or by E-mail at *Martin.Smith@ tn.gov*.

Sincerely,

A handwritten signature in blue ink, appearing to read "Martin Smith".

Martin Smith
Division of Water Pollution Control
Cookeville Environmental Field Office

CC: Mr. Patrick Parker, WPC Nashville Central Office, Enforcement & Compliance Manager
Mr. Rob Howard, WPC Cookeville EFO, Program Manager (*via E-mail*)
Mr. Johnny Walker, DWS Cookeville EFO, Program Manager (*via E-mail*)
WPC File (Putnam County)

Enclosure: EPA 3560 Form